



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)  
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/building](http://www.miamidade.gov/building)

## NOTICE OF ACCEPTANCE (NOA)

**Super Sky Products Enterprises, LLC**  
10301 North Enterprise Drive  
Mequon, Wisconsin 53092

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

### DESCRIPTION: Standard Tubular Skylight System – Large and Small Missile

**APPROVAL DOCUMENT:** Drawing No. 2002-0246, titled "Super Sky's Standard Tubular Skylight Glazing System", sheets A1 through A4 of 4 and B1 through B6 of 6, prepared by David S. Barron, P.E., signed and sealed by David S. Barron, P.E on November 15, 2005 bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 07-0810.02 and consists of this page 1, evidence submitted pages E-1, E-2, & E-3 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
02/16/2012

NOA No. 11-0811.04  
Expiration Date: 11/18/2012  
Approval Date: 02/16/2012  
Page 1

**Super Sky Products Enterprises, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 99-0610.02**

**A. DRAWINGS**

1. *Drawing No. 960209, titled "Super Sky's Standard Tubular Skylight System", prepared by David S. Barron, P.E., last revised on March 3, 1999, sheets B, B1, B1A, B2, B2A, B3, and B4 of 7, signed and sealed by David S. Barron, P.E.*

**B. TESTS**

1. *Test report on Large Missile Impact Test, Cyclic Load Test and Uniform Static air Pressure Test on Super Sky's Skylight Systems, prepared by Hurricane Test Laboratory, Inc., Report No. 0161-0207-99, dated 02/16/99, signed and sealed by Timothy S. Marshall, P.E.*

**C. CALCULATIONS**

1. *Calculation titled "Super Sky Products, Inc. Product Approval Mock-up Testing, PA 201-94, PA 202-94 & PA 203-94, Large Missile Test", dated march 7, 1998, revised April 3, 1999, pages 1 through 19 of 19, prepared by David S. Barron, P.E., signed and sealed by David S. Barron, P.E.*

**D. MATERIAL CERTIFICATIONS**

1. *Mill Certified Test Report issued by Viracon, dated 03/10/99, with the glass strength analysis by Jeffrey D. Guanato.*
2. *The Die Drawing Numbers D1 through D9 of 9, by Super Sky Products, Inc.*

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 02-1009.05**

**A. DRAWINGS**

1. *Drawing No. 960209, titled " Super Sky's Standard Tubular Skylight Glazing System ", sheets B, B1, B1A, B2, B2A, B3, and B4 of 7, prepared by David S. Barron, P.E., last revision #6 dated November 14, 2002 signed and sealed by David S. Barron, P.E.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. MATERIAL CERTIFICATIONS**

1. *None.*



Helmy A. Makar, P.E., M.S.  
PERA, Product Control Unit Supervisor  
NOA No. 11-0811.04  
Expiration Date: 11/18/2012  
Approval Date: 02/16/2012

**Super Sky Products Enterprises, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #05-1208.05**

**A. DRAWINGS**

1. *Drawing No. 2002-0246, titled " Super Sky's Standard Tubular Skylight Glazing System ", sheets A1 through A4 of 4 and B1 through B6 of 6, prepared by David S. Barron, P.E., signed and sealed by David S. Barron, P.E on November 15, 2005.*

**B. TESTS**

1. *Test report on Large Missile Impact Test, Cyclic Load Test and Uniform Static air Pressure Test on Super Sky's Skylight Systems, prepared by Hurricane Test Laboratory, Inc., Report Nos. 0161-0409-05 & 0161-1023-04, dated September 13, 2005, signed and sealed by Vinu J. Abraham, P.E.*

**C. CALCULATIONS**

1. *Calculation titled "Super Sky Products, Inc. Mock-up-Dade County Product Approval TAS-201, TAS-202, TAS-203, Large Missile Test", dated November 11, 2005, sheets 1 through 21 of 21, prepared by David S. Barron, P.E., signed and sealed by David S. Barron, P.E.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 07-0810.02**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**


1. *None.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

  
Helmy A. Makar, P.E., M.S.  
PERA, Product Control Unit Supervisor  
NOA No. 11-0811.04  
Expiration Date: 11/18/2012  
Approval Date: 02/16/2012

**Super Sky Products Enterprises, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**5. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

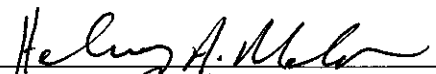
1. *By Miami-Dade County Department of Permitting, Environment, and Regulatory Affairs (PERA).*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. OTHERS**

1. *Letter of Compliance with the Florida Building Code, 2010 Edition, issued by Mr. David S. Barron, P.E., dated February 10, 2012, signed and sealed by Mr. David S. Barron, P.E.*
2. *Bill of sales Agreement.*

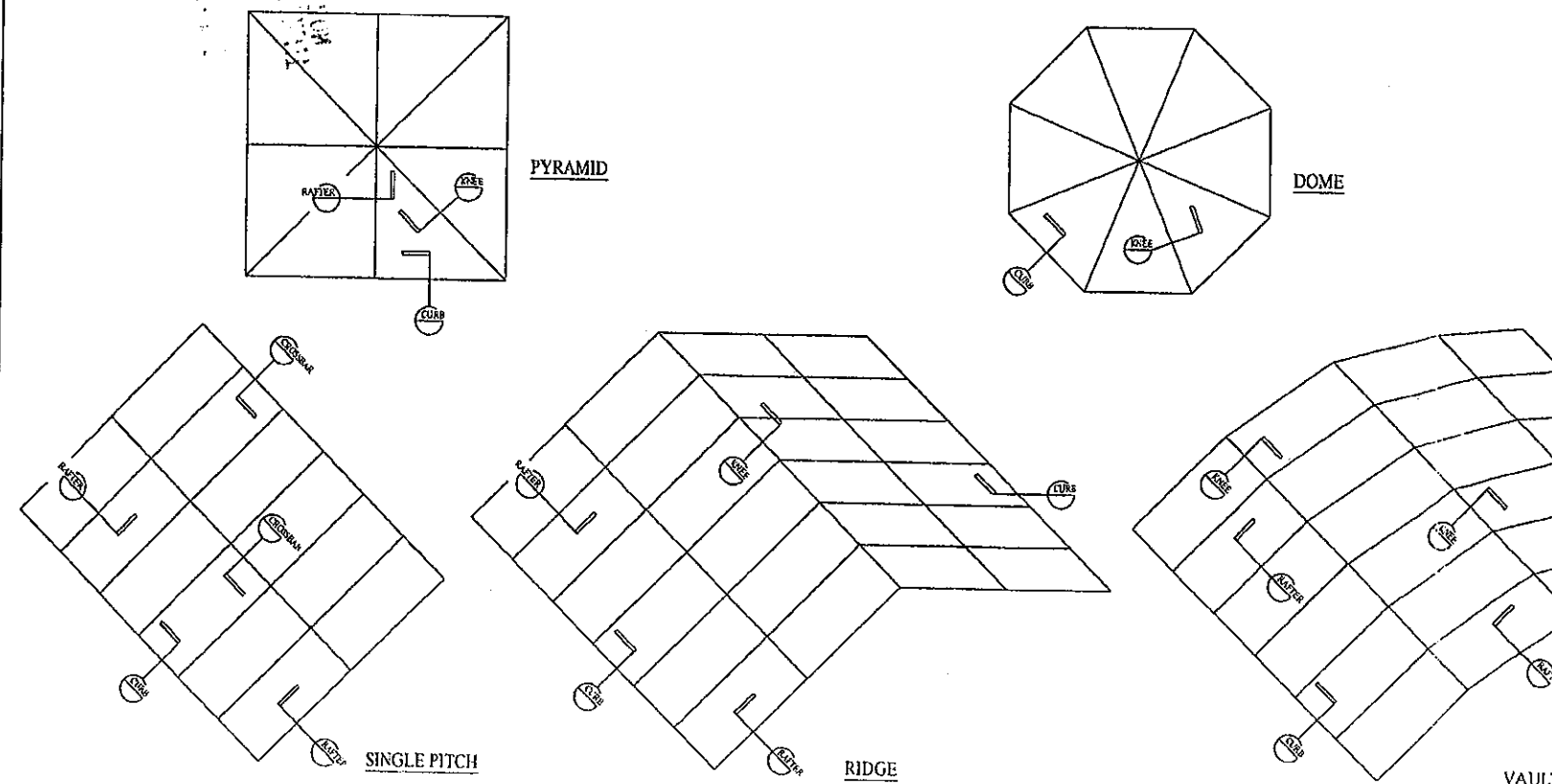


Helmy A. Makar, P.E., M.S.  
PERA, Product Control Unit Supervisor  
NOA No. 11-0811.04  
Expiration Date: 11/18/2012  
Approval Date: 02/16/2012

# SUPER SKY'S STANDARD TUBULAR SKYLIGHT SYSTEM

- 1) **SYSTEM DESCRIPTION:** SUPER SKY'S STANDARD TUBULAR SKYLIGHT GLAZING SYSTEM CONSISTS OF AN EXTRUDED ALUMINUM STRUCTURAL FRAME (6005-T5), CUSTOM ENGINEERED TO SUIT A PARTICULAR PROJECT. THE EXTRUDED FRAME IS CONNECTED TOGETHER USING ALUMINUM CHANNEL CLIPS, ANCHOR PLATES, AND GUSSET PLATES, AS SHOWN ON DRAWINGS A1-A4. THE GLASS IS ATTACHED TO THE FRAME USING ALUMINUM RETAINERS (6005-T5), AND 1/4"-20 STAINLESS STEEL TORX HEAD SCREWS 6" O.C. THE SCREWS ENGAGE THE SERRATIONS IN THE ALUMINUM EXTRUSIONS BELOW. EPDM GASKETS ARE USED ON THE INTERIOR (1/8" X 1/2") AND EXTERIOR (1/4" X 3/8") TO CUSHION THE GLASS, AND A FULL SILICONE WEATHER SEAL AND SNAP-ON CAPS ARE APPLIED TO PREVENT AIR AND WATER INFILTRATION.
- 2) **SKYLIGHT TYPES:** SINCE ALMOST ALL SKYLIGHTS BUILT USING SUPER SKY'S STANDARD TUBULAR GLAZING SYSTEM ARE CUSTOM DESIGNED FOR A PARTICULAR BUILDING, VIRTUALLY NONE OF THEM ARE EXACTLY THE SAME. IN RECOGNITION OF THIS FACT, THE TEST SPECIMENS AS SHOWN ON SHEETS A1-A4 WERE DEVELOPED SO AS TO TEST THE FOUR STANDARD DETAILS USED ON MOST SKYLIGHT PROJECTS (CURB, RAFTER, CROSSBAR, AND KNEE). THE DESIGN PRESSURE, GLASS TYPE, AND GLASS SIZES WERE ALSO SELECTED TO SUIT THE MOST POSSIBLE SKYLIGHT PROJECTS.

EXAMPLES OF THESE SKYLIGHTS ARE SHOWN BELOW.



## SUPER SKY'S STANDARD TUBULAR SKYLIGHT GLAZING SYSTEM

PRODUCT APPROVAL TESTING PER TAS-201, TAS-202, TAS-203

### STANDARD DETAILS TESTED:

1. CURB (SEE DETAIL 1/A3)
2. RAFTER (SEE DETAIL 3/A3)
3. CROSSBAR (SEE DETAIL 1/A3)
4. KNEE [HIP] (SEE DETAIL 2/A3)

PLEASE SEE DRAWINGS A1-A4 FOR COMPLETE SPECIFICATIONS OF THE MOCK-UPS TESTED.

## GENERAL NOTES:

- 1) THIS SYSTEM IS APPROVED FOR: DESIGN PRESSURES UP TO +80/-90PSF.
- 2) GLASS TYPE TESTED: 1 1/16" IGU CONSISTING OF:
  - 1/4" CLEAR HEAT STRENGTHENED OUTER LITE,
  - 1/2" AIR SPACE,
  - 9/16" CLEAR LAMINATED INNER LITE, CONSISTING OF:
    - 1/4" CLEAR HEAT STRENGTHENED GLASS,
    - .077" VS-02 PVB INTERLAYER BY Solutia
    - 1/4" CLEAR HEAT STRENGTHENED GLASS.
- 3) LARGE MISSILE IMPACT TESTED. THIS GLASS PRODUCT IS APPROVED FOR USE FROM GRADE UP TO 30', OR HIGHER IF DESIRED.
- 4) APPROVED UP TO A MAXIMUM LITE SIZE OF 30 SQ. FT.
- 5) THE ALUMINUM EXTRUSIONS TESTED WERE SIZED PER STRUCTURAL CALCULATIONS TO SUIT THE SPANS AND DESIGN PRESSURE TESTED.
- 6) ALUMINUM CONTACTING MATERIALS NOT CONSIDERED COMPATIBLE SHALL BE PROTECTED PER SECTION 2003.8.4.2 OF THE FLORIDA BUILDING CODE.
- 7) THIS APPROVAL IS LIMITED TO THE MAXIMUM AREA OF THE 1 1/16" INSULATED GLASS, THE FULLY ASSEMBLED GLAZING DETAILS SYSTEM TO THE SUPPORTING RAFTERS AND THE MAXIMUM DESIGN PRESSURE SHOWN ON THESE DRAWINGS.
- 8) THE STRUCTURAL ADEQUACY OF THE SUPPORTING STRUCTURAL MEMBERS, (CURBS, RAFTERS, PURLINS, AND ALL OTHER FRAMING MEMBERS) IS NOT PART OF THIS APPROVAL AND IT SHALL BE REVIEWED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPARTMENT.

PRODUCT REVISED as complying with the Florida Building Code

Acceptance No. 11-0811.04  
Expiration Date 11/18/2012  
By: *Heather A. Miller*  
Miami Dade Product Control

PRODUCT RENEWED as complying with the Florida Building Code  
Acceptance No. 07-0810.02  
Expiration Date 11/18/2012  
By: *Heather A. Miller*  
Miami Dade Product Control

DADE COUNTY USE

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 05-1208.05  
Expiration Date 11/18/2007  
By: *Heather A. Miller*  
Miami Dade Product Control

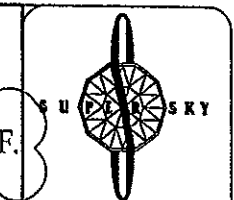
ENGINEER STAMP

*David S. Barron*  
11-15-05

DAVID S. BARRON  
21 DARTMOUTH DRIVE  
GREENSBURG, PA 15601  
LICENCE #36374

27520

2002046A\_1-7-05\_-D1



SUPER SKY PRODUCTS ENTERPRISES, LLC  
1800 N. ENTERPRISE DR.  
MEQUON, WISCONSIN 53091  
262-442-2800

CURRENT NOA # 02-1009.05  
LARGE MISSILE

REVISION  
2 NEW GLASS TYPE JB  
REVISION TO CURRENT NOA 02-1009.05  
EXP. 12-24-07

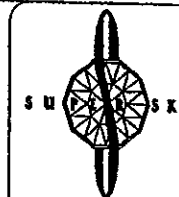
PROJECT  
MOCK-UP -  
DADE COUNTY  
PRODUCT APPROVAL  
DADE COUNTY, FL  
ENGINEER  
DAVID S. BARRON

MEQUON, WI  
TEST LABORATORY  
HURRICANE TEST LAB  
RIVIERA BEACH, FL

DATE  
JB 01/07/05  
1 (DP)

2002-0246

A1  
OF 4



SUPER SKY PRODUCTS  
ENTERPRISES, LLC

1001 N. ENTERPRISE DR.  
MEQUON, WISCONSIN 53002  
262-940-2800

REVISION

PROJECT  
MOCK-UP -  
DADE COUNTY  
PRODUCT APPROVAL

DADE COUNTY, FL

ENGINEER

DAVID S. BARRON

MEQUON, WI

TEST LABORATORY

RIVIERA BEACH, FL

TITLE

ELEVATION  
END RAFTER SECTION

DATE  
JB 01/07/05

SCALE  
AS NOTED 1 (DP)

2002-0246

A2

OF 4

3/8" ST. STL. CAPSCREW  
(2 PER MULLION, 3/8" O.C.)  
EXTRUDED ANCHOR PLATE  
W/ TAPPED HOLES  
360x2" RAFTER TUBE

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 11-0811-04  
Expiration Date 11/18/2012  
By *Helmut A. Mehn*  
Miami Dade Product Control

END RAFTER SECTION

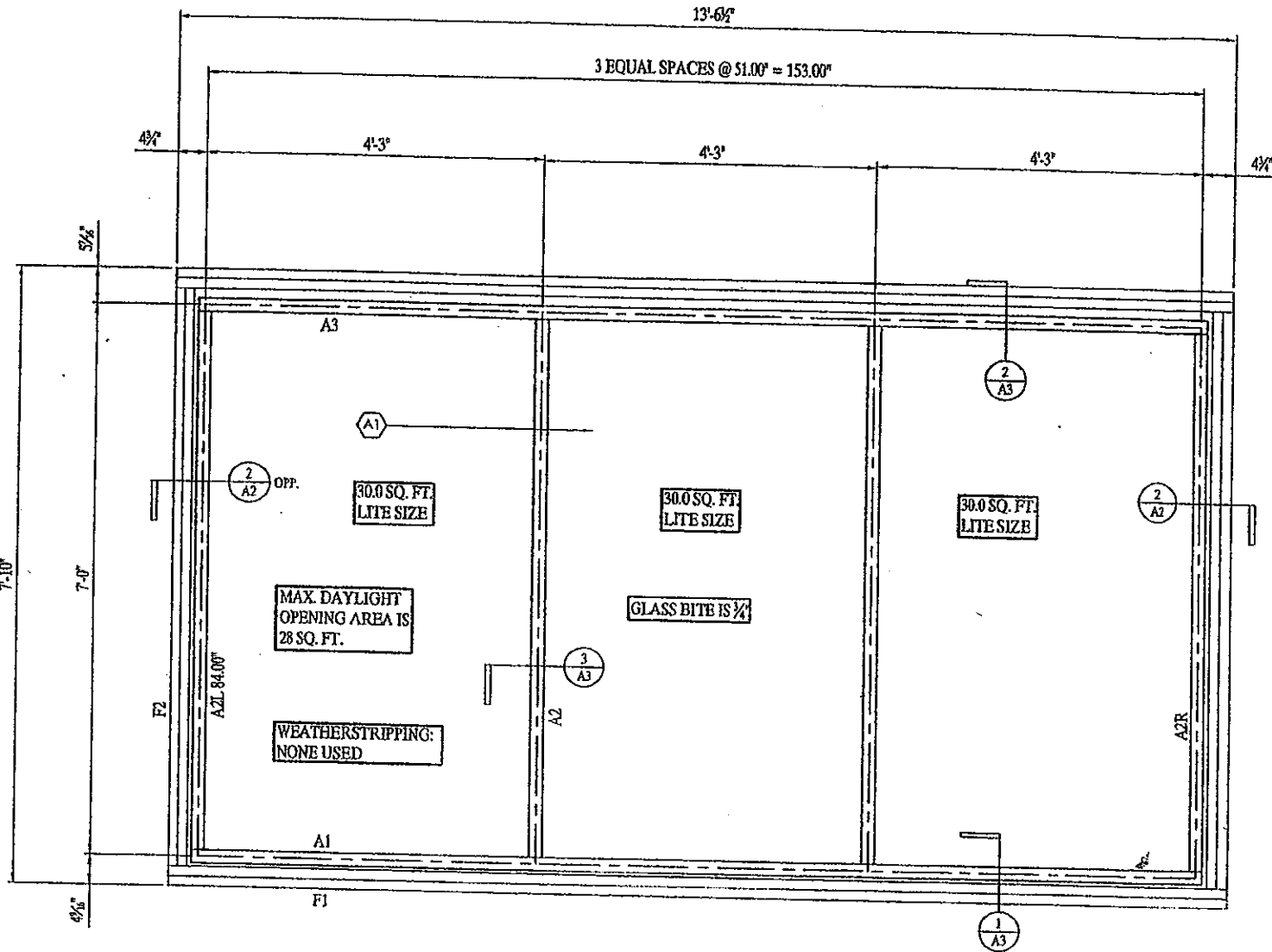
SCALE: FULL

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 05-1208-05  
Expiration Date 11/18/2007  
By *Helmut A. Mehn*  
Miami Dade Product Control  
Division

DAVID S. BARRON  
21 DARTMOUTH DRIVE  
GREENSBURG, PA 15601  
LICENCE #36374

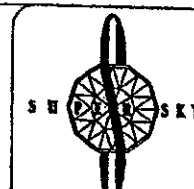
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11-15-05



ELEVATION (1 REQ'D)

SCALE: 1" = 1'-0"



SUPER SKY PRODUCTS  
ENTERPRISES, LLC  
1001 N. ENTERPRISE DR.  
MEQUON, WISCONSIN 53072  
262-241-2000

REVISION

PROJECT  
MOCK-UP -  
DADE COUNTY  
PRODUCT APPROVAL

DADE COUNTY, FL  
ENGINEER  
DAVID S. BARRON

MEQUON, WI  
TEST LABORATORY

RIVIERA BEACH, FL  
TITLE  
KNEE, SILL  
AND RAFTER SECTIONS

DATE  
06/29/04

SCALE  
FULL

2002-0246

A3  
OF 4

SHOP NOTE  
COUNTERBORE WOOD  
SO BOLT HEADS DON'T  
STICK OUT

WOOD FRAME  
SUPPLIED BY  
SUPER SKY

WOOD FRAME  
SUPPLIED BY  
SUPER SKY

ERECTION NOTE:   
SEAL BOLT PENETRATIONS THROUGH  
FLASHING TO PREVENT ANY WATER FROM  
DRIPPING OUT OF SILL FLASHING.

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 07-0810.02  
Expiration Date 11/18/2012  
By *Heidi A. Walker*  
Miami Dade Product Control  
Division

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 11-0811.04  
Expiration Date 11/18/2012  
By *Heidi A. Walker*  
Miami Dade Product Control  
Division

DADE COUNTY USE  
PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 05-1208.05  
Expiration Date 11/18/2007  
By *Heidi A. Walker*  
Miami Dade Product Control  
Division

ENGINEER STAMP  
*David S. Barron*  
11-15-05

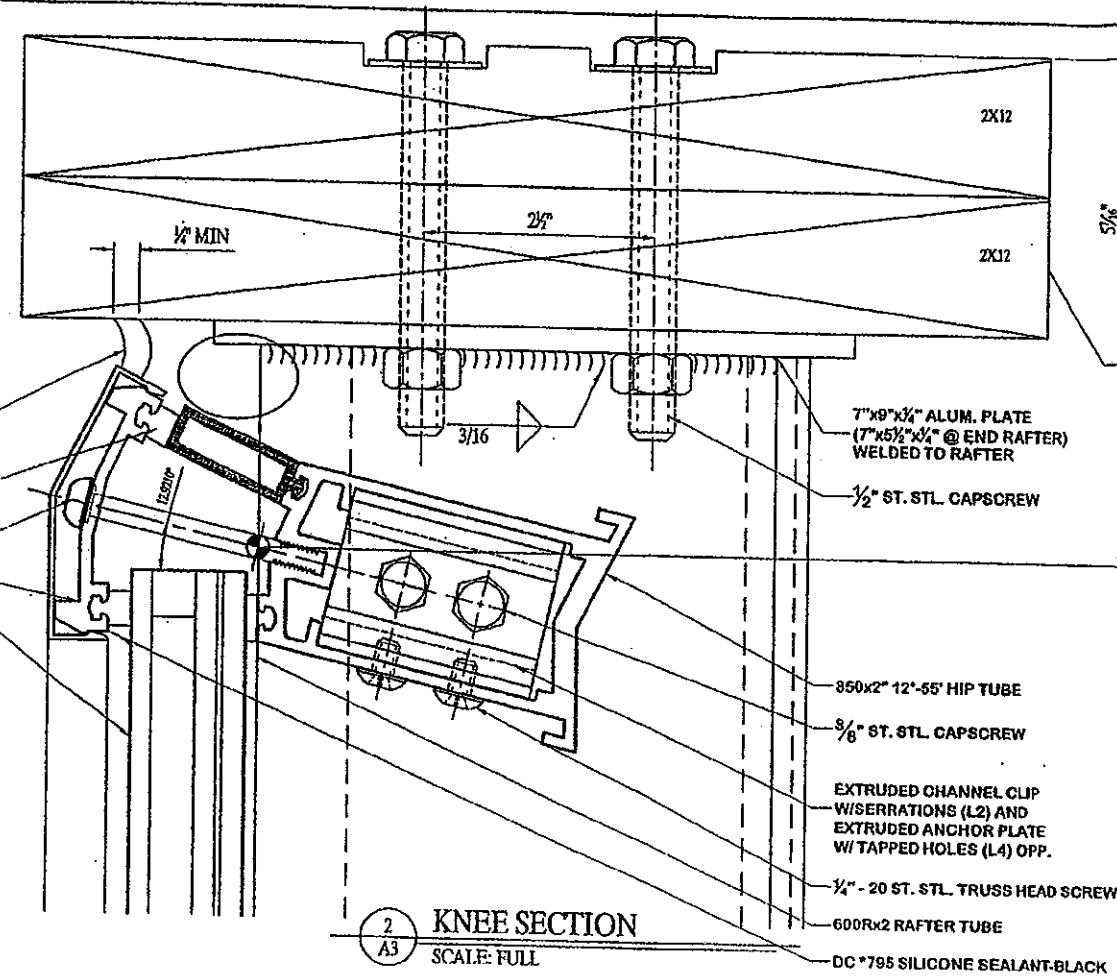
DAVID S. BARRON  
21 DARTMOUTH DRIVE  
GREENSBURG, PA 15601  
LICENCE #36374

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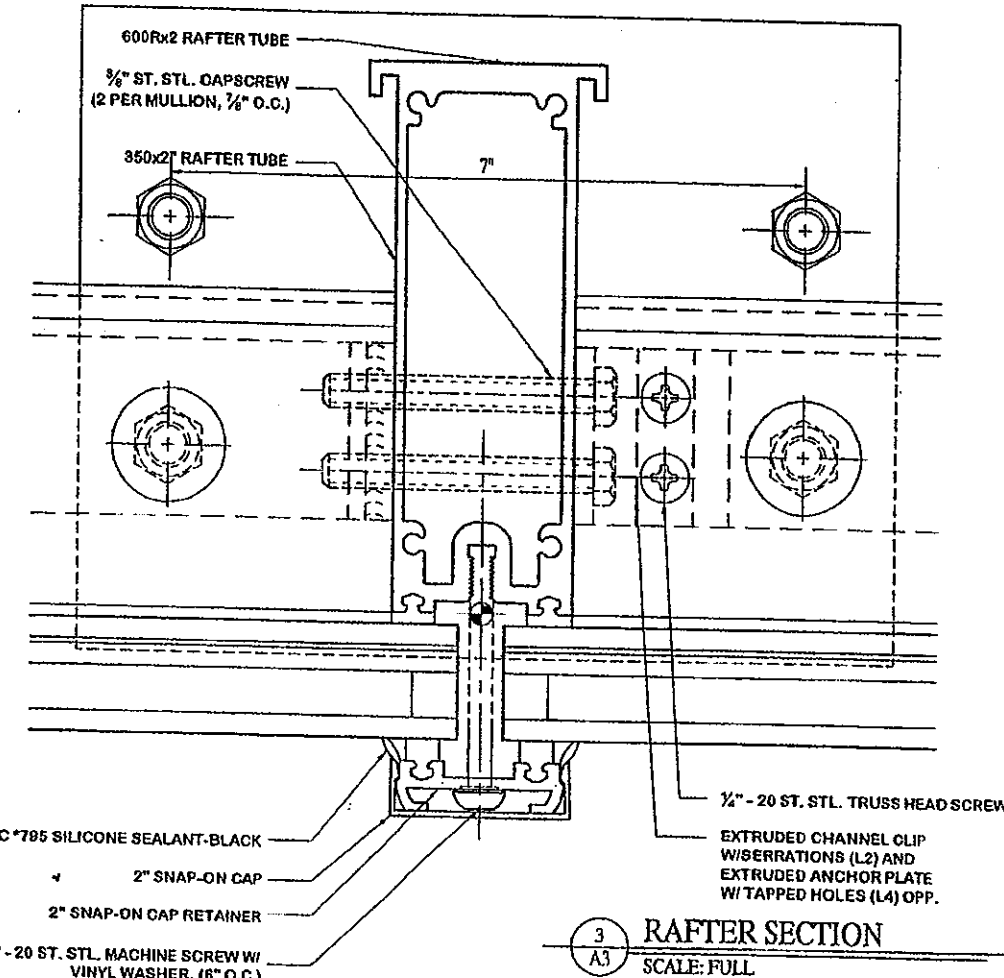
DC \*795 SILICONE  
SEALANT-BLACK W/ BACKER  
ROD  
1/2" x 1/2" EPDM GLAZING STRIP  
1/4" - 20 ST. STL. MACHINE SCREW  
W/ VINYL WASHER, (6" O.C.)  
12" - 55" HIP CAP AND RETAINER  
1 5/8" LAMINATED GLASS

1 5/8" LAMINATED GLASS  
1/2" x 1/2" EPDM GLAZING STRIP  
DC \*795 SILICONE  
SEALANT-BLACK  
2" SNAP-ON CAP AND RETAINER  
(2) 1/8" THICK EXTRUDED SETTING  
BLOCK  
1/8" ALUM. GLASS STOP  
4" LONG @ 1/4" PTS. (2 PER LITE)  
1/4" - 20 ST. STL. MACHINE SCREW  
W/ VINYL WASHER, (6" O.C.)  
1/2" x 1 1/2" PVC FILLER BAR  
DC \*795 SILICONE  
SEALANT-BLACK W/  
BACKER ROD  
.050" ALUM. FLASHING  
W/ WELDED ENDS  
(SET IN SEALANT)

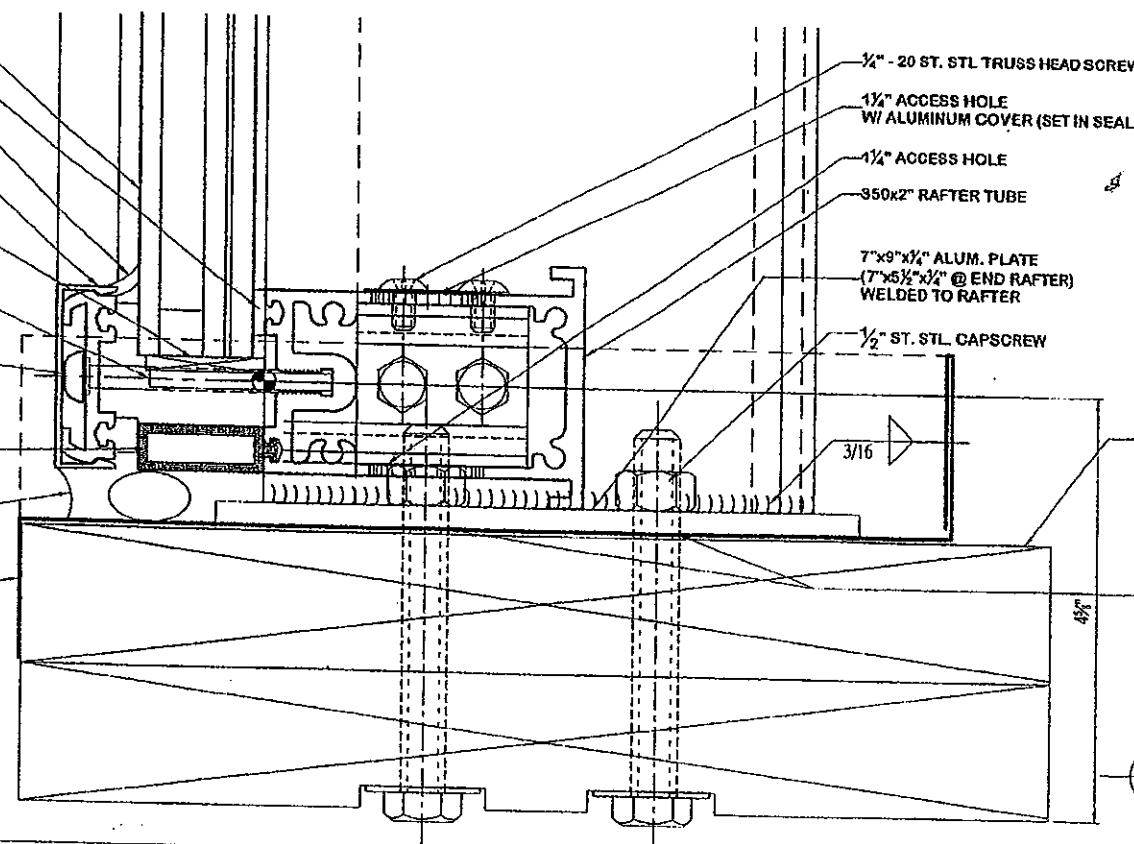
SHOP NOTE  
COUNTERBORE WOOD  
SO BOLT HEADS DON'T  
STICK OUT



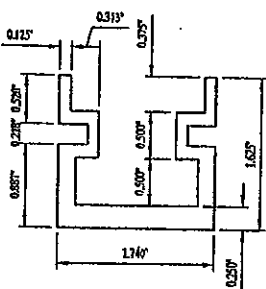
2 KNEE SECTION  
A3 SCALE: FULL



3 RAFTER SECTION  
A3 SCALE: FULL



1 CURB/SILL SECTION  
A3 SCALE: FULL



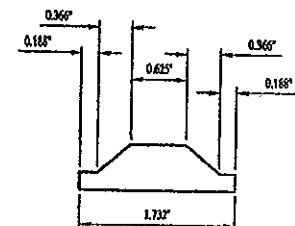
#### SUMMARY OF PROPERTIES

CENTRE OF MASS [0.87,0.57416,0]  
SURFACE AREA 1.0184 INCH\*\*2  
MOMENT ABOUT X AXIS 0.228861 INCH\*\*4  
MOMENT ABOUT Y AXIS 0.408868 INCH\*\*4  
POLAR MOMENT 0.886528 INCH\*\*4  
PRINCIPAL AXES ROTATION ANGLE = 0°-0'  
RADIO OF GYRATION:  
POLAR 0.780586 INCH  
X AXIS 0.47488 INCH  
Y AXIS 0.632072 INCH

WEIGHT PER LINEAR FOOT 1.191528 LBS  
ALUMINUM ALLOT 6005-T5

#### CHANNEL CLIP

SCALE: FULL



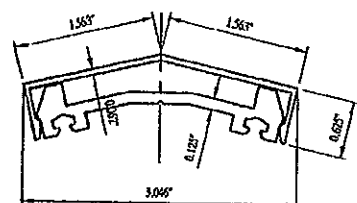
#### SUMMARY OF PROPERTIES

CENTRE OF MASS [0.866,0.208789,0]  
SURFACE AREA 0.685642 INCH\*\*2  
MOMENT ABOUT X AXIS 0.0118681 INCH\*\*4  
MOMENT ABOUT Y AXIS 0.110189 INCH\*\*4  
POLAR MOMENT 0.122068 INCH\*\*4  
PRINCIPAL AXES ROTATION ANGLE = 0°-0'  
RADIO OF GYRATION:  
POLAR 0.438218 INCH  
X AXIS 0.185642 INCH  
Y AXIS 0.41687 INCH

WEIGHT PER LINEAR FOOT 0.743701 LBS  
ALUMINUM ALLOT 6005-T5

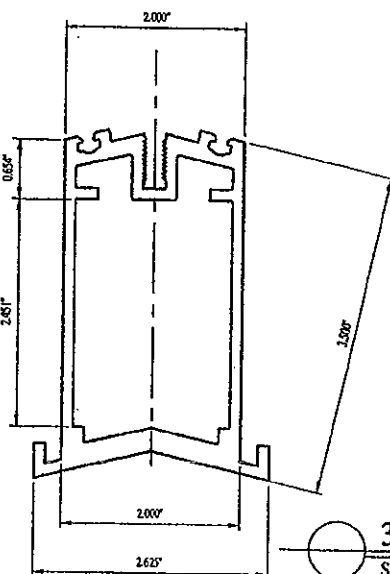
#### ANCHOR PLATE

SCALE: FULL



#### HIP CAP & RETAINER

SCALE: FULL



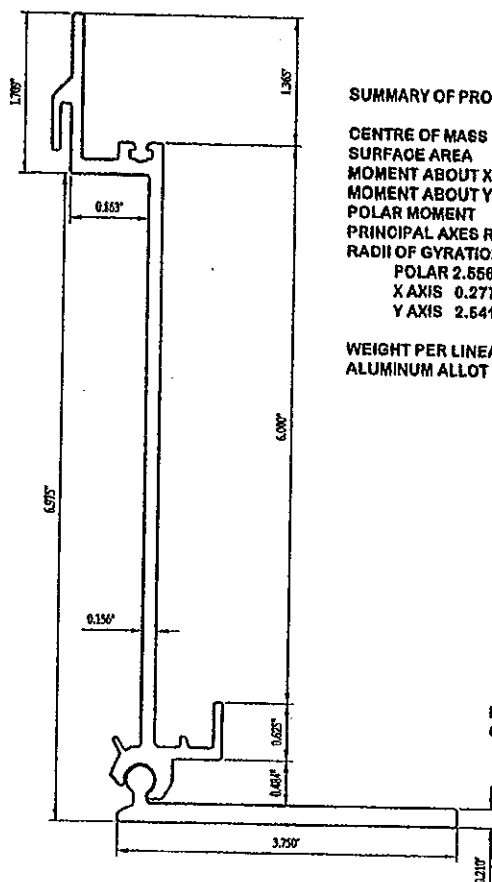
#### SUMMARY OF PROPERTIES

CENTRE OF MASS [1.31244,1.80283,0]  
AREA 2.07785 INCH\*\*2  
MOMENT ABOUT X AXIS 1.28674 INCH\*\*4  
MOMENT ABOUT Y AXIS 3.84853 INCH\*\*4  
PRINCIPAL AXES ROTATION ANGLE = 90°-0'  
RADIO OF GYRATION:  
X AXIS 3.85895 INCH  
Y AXIS 2.73855 INCH

WEIGHT PER LINEAR FOOT 2.43108 LBS  
ALUMINUM ALLOT 6005-T5

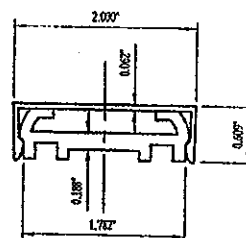
#### 350 HIP TUBE

SCALE: FULL



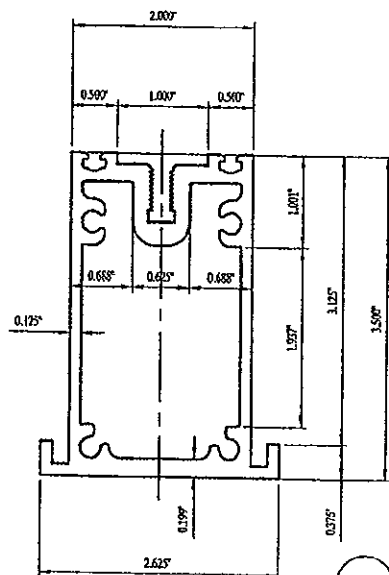
#### 600 VARIABLE CURB

SCALE: FULL



#### RAFTER CAP & RETAINER

SCALE: FULL



#### SUMMARY OF PROPERTIES

CENTRE OF MASS [1.31246,1.7169,0]  
SURFACE AREA 2.12345 INCH\*\*2  
MOMENT ABOUT X AXIS 1.2825 INCH\*\*4  
MOMENT ABOUT Y AXIS 3.52835 INCH\*\*4  
POLAR MOMENT 4.82184 INCH\*\*4  
PRINCIPAL AXES ROTATION ANGLE = -90°-0'  
RADIO OF GYRATION:  
POLAR 1.50691 INCH  
X AXIS 0.780183 INCH  
Y AXIS 1.28922 INCH

WEIGHT PER LINEAR FOOT 2.484413 LBS  
ALUMINUM ALLOT 6005-T5

#### 350 RAFTER TUBE

SCALE: FULL

#### SUMMARY OF PROPERTIES

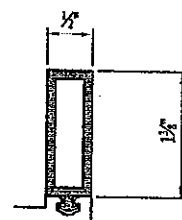
CENTRE OF MASS [-1.35908,0.607398,0]  
SURFACE AREA 1.67688 INCH\*\*2  
MOMENT ABOUT X AXIS 0.128744 INCH\*\*4  
MOMENT ABOUT Y AXIS 10.8294 INCH\*\*4  
POLAR MOMENT 10.6581 INCH\*\*4  
PRINCIPAL AXES ROTATION ANGLE = 85°-23'  
RADIO OF GYRATION:  
POLAR 2.55833 INCH  
X AXIS 0.277084 INCH  
Y AXIS 2.54127 INCH

WEIGHT PER LINEAR FOOT 1.961950 LBS  
ALUMINUM ALLOT 6005-T5

#### 1/8" x 5/8" x 4" LONG SILICONE SETTING BLOCK

SCALE: FULL

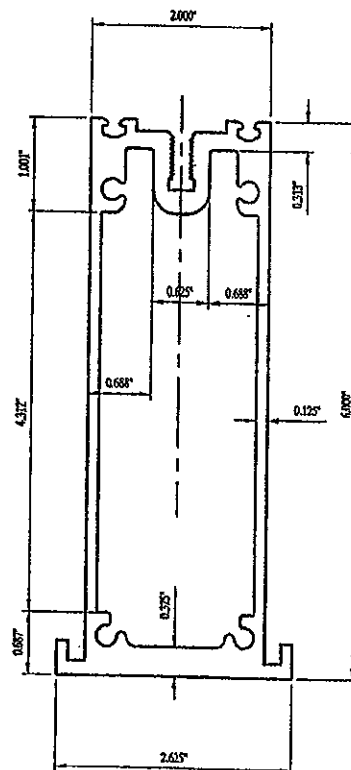
HARDNESS.....(SHORE A) 50 + 5 DUROMETER  
COLOR.....BLACK



#### 1/2" x 1 3/8" RIGID PVC FILLER BAR

SCALE: FULL

RIGID PVC \*820 W/ .095" MIN WALL



#### SUMMARY OF PROPERTIES

CENTRE OF MASS [1.31252,3.04688,0]  
SURFACE AREA 3.25287 INCH\*\*2  
MOMENT ABOUT X AXIS 1.98402 INCH\*\*4  
MOMENT ABOUT Y AXIS 16.8658 INCH\*\*4  
POLAR MOMENT 18.8699 INCH\*\*4  
PRINCIPAL AXES ROTATION ANGLE = 90°-0'  
RADIO OF GYRATION:  
POLAR 2.40871 INCH  
X AXIS 0.781089 INCH  
Y AXIS 2.27857 INCH

WEIGHT PER LINEAR FOOT 3.805273 LBS  
ALUMINUM ALLOT 6005-T5

#### 600 RAFTER TUBE

SCALE: FULL

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 11-0811-04  
Expiration Date 11/18/2012  
By *Heather A. Nelson*  
Miami Dade Product Control

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 07-0810-02  
Expiration Date 11/18/2012  
By *Heather A. Nelson*  
Miami Dade Product Control

#### 1/8" x 1/2" EPDM GLAZING STRIP

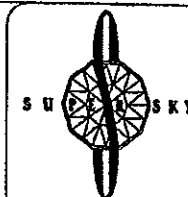
SCALE: FULL

HARDNESS.....(SHORE A) 50 + 5 DUROMETER  
TENSILE STRENGTH.....800 PSI (MIN)  
ELONGATION.....300% (MIN)  
TEAR; DIE 8, PSI.....65 (MIN)  
COLOR.....BLACK

#### 1/4" x 3/8" EPDM GLAZING STRIP

SCALE: FULL

HARDNESS.....(SHORE A) 50 + 5 DUROMETER  
TENSILE STRENGTH.....800 PSI (MIN)  
ELONGATION.....300% (MIN)  
TEAR; DIE 8, PSI.....65 (MIN)  
COLOR.....BLACK



SUPER SKY PRODUCTS  
ENTERPRISES, LLC

12001 N ENTERPRISE DR.  
MEQUON, WISCONSIN 53091  
262-342-2030

REVISION

PROJECT

MOCK-UP -  
DADE COUNTY  
PRODUCT APPROVAL

DADE COUNTY, FL  
ENGINEER  
DAVID S. BARRON

MEQUON, WI

TEST LABORATORY

RIVIERA BEACH, FL  
TITLE  
EXTRUSIONS

DADE COUNTY USE

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 05-1208-05  
Expiration Date 11/18/2007  
By *Heather A. Nelson*  
Miami Dade Product Control

ENGINEER STAMP

*David S. Barron*  
11-15-05

DAVID S. BARRON  
21 DARTMOUTH DRIVE  
GREENSBURG, PA 15601  
LICENCE #36374

20020246A\_1-7-05\_-D1.dwg

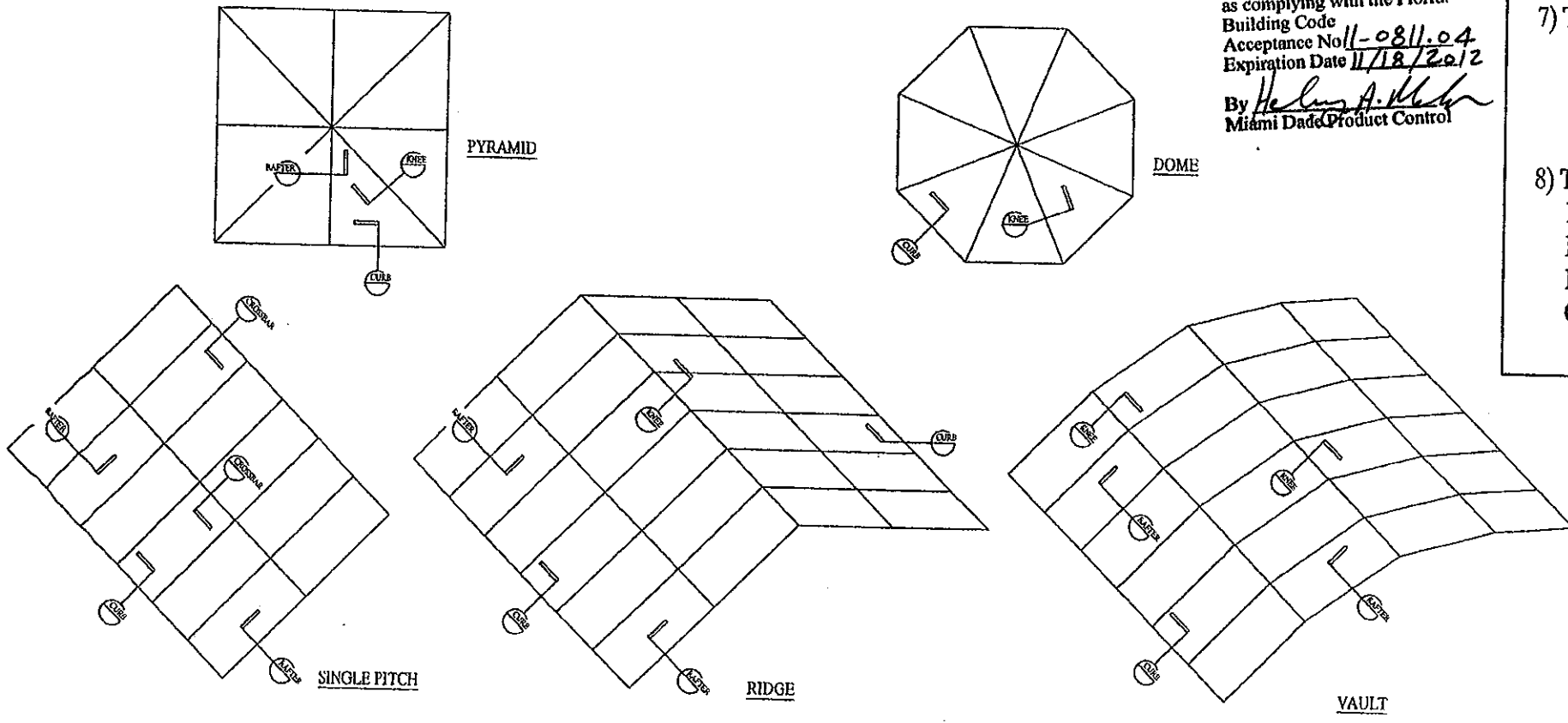
A4  
OF 4



SUPER SKY'S STANDARD TUBULAR SKYLIGHT SYSTEM

- 1) **SYSTEM DESCRIPTION:** SUPER SKY'S STANDARD TUBULAR SKYLIGHT GLAZING SYSTEM CONSISTS OF AN EXTRUDED ALUMINUM STRUCTURAL FRAME (6005-T5), CUSTOM ENGINEERED TO SUIT A PARTICULAR PROJECT. THE EXTRUDED FRAME IS CONNECTED TOGETHER USING ALUMINUM CHANNEL CLIPS, ANCHOR PLATES, AND GUSSET PLATES, AS SHOWN ON DRAWINGS B1-B5. THE GLASS IS ATTACHED TO THE FRAME USING ALUMINUM RETAINERS (6005-T5), AND 1/4"-20 STAINLESS STEEL TORX HEAD SCREWS 6" O.C. THE SCREWS ENGAGE THE SERRATIONS IN THE ALUMINUM EXTRUSIONS BELOW. EPDM GASKETS ARE USED ON THE INTERIOR (1/8" X 1/2") AND EXTERIOR (1/4" X 3/8") TO CUSHION THE GLASS, AND A FULL SILICONE WEATHER SEAL AND SNAP-ON CAPS ARE APPLIED TO PREVENT AIR AND WATER INFILTRATION.
- 2) **SKYLIGHT TYPES:** SINCE ALMOST ALL SKYLIGHTS BUILT USING SUPER SKY'S STANDARD TUBULAR GLAZING SYSTEM ARE CUSTOM DESIGNED FOR A PARTICULAR BUILDING, VIRTUALLY NONE OF THEM ARE EXACTLY THE SAME. IN RECOGNITION OF THIS FACT, THE TEST SPECIMENS AS SHOWN ON SHEETS B1-B5 WERE DEVELOPED SO AS TO TEST THE FOUR STANDARD DETAILS USED ON MOST SKYLIGHT PROJECTS (CURB, RAFTER, CROSSBAR, AND KNEE). THE DESIGN PRESSURE, GLASS TYPE, AND GLASS SIZES WERE ALSO SELECTED TO SUIT THE MOST POSSIBLE SKYLIGHT PROJECTS.

EXAMPLES OF THESE SKYLIGHTS ARE SHOWN BELOW.



SUPER SKY'S STANDARD TUBULAR SKYLIGHT GLAZING SYSTEM

PRODUCT APPROVAL TESTING PER TAS-201, TAS-202, TAS-203

STANDARD DETAILS TESTED:

- 1. CURB (SEE DETAIL 1/B3)
- 2. RAFTER (SEE DETAIL 3/B3)
- 3. CROSSBAR (SEE DETAIL 2/B3)
- 4. KNEE [HIP] (SEE DETAIL 1/B4)

PLEASE SEE DRAWINGS B1-B5 FOR COMPLETE SPECIFICATIONS OF THE MOCK-UPS TESTED.

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 11-0811.04  
Expiration Date 11/18/2012  
By *Healing A. Miller*  
Miami Dade Product Control

GENERAL NOTES:

- 1) THIS SYSTEM IS APPROVED FOR: DESIGN PRESSURES UP TO +/- 80 PSF.
- 2) GLASS TYPE TESTED: 1 1/16" IGU WITH 1/4" HEAT STRENGTHENED OUTER LITE, 1/2" AIR SPACE, 9/16" CLEAR SENTRY GLASS PLUS LAMINATED INNER LITE BY VIRACON, INC. CONSISTING OF:  
1/4" CLEAR HEAT STRENGTHENED GLASS,  
.090" SENTRY GLASS PLUS INTERLAYER MIAMI DADE COUNTY PRODUCT CONTROL, APPROVAL NO. 98-0608.03  
1/4" CLEAR HEAT STRENGTHENED GLASS.
- 3) LARGE MISSILE IMPACT TESTED. THIS GLASS PRODUCT IS APPROVED FOR USE FROM GRADE UP TO 30', OR HIGHER IF DESIRED.
- 4) APPROVED UP TO A MAXIMUM LITE SIZE OF 30 SQ. FT.
- 5) THE ALUMINUM EXTRUSIONS TESTED WERE SIZED PER STRUCTURAL CALCULATIONS TO SUIT THE SPANS AND DESIGN PRESSURE TESTED.
- 6) ALUMINUM CONTACTING MATERIALS NOT CONSIDERED COMPATIBLE SHALL BE PROTECTED PER SECTION 2003.8.4.2 OF THE FLORIDA BUILDING CODE.
- 7) THIS APPROVAL IS LIMITED TO THE MAXIMUM AREA OF THE 1 1/16" INSULATED GLASS, THE FULLY ASSEMBLED GLAZING DETAILS SYSTEM TO THE SUPPORTING RAFTERS AND THE MAXIMUM DESIGN PRESSURE SHOWN ON THESE DRAWINGS.
- 8) THE STRUCTURAL ADEQUACY OF THE SUPPORTING STRUCTURAL MEMBERS, (CURBS, RAFTERS, PURLINS, AND ALL OTHER FRAMING MEMBERS) IS NOT PART OF THIS APPROVAL AND IT SHALL BE REVIEWED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPARTMENT.

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 07-0810.02  
Expiration Date 11/18/2012  
By *Healing A. Miller*  
Miami Dade Product Control

DADE COUNTY USE  
PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 05-1208.05  
Expiration Date 11/18/2007  
By *Healing A. Miller*  
Division

ENGINEER STAMP  
*David S. Barron*  
11-15-05

DAVID S. BARRON  
21 DARTMOUTH DRIVE  
GREENSBURG, PA 15601  
LICENCR #36374

GLASS NUMBER: 27232  
JOB FILE NAME: 20020246B-D1



SUPER SKY PRODUCTS ENTERPRISES, LLC  
1801 N. ENTERPRISE DR.  
MEQUON, WISCONSIN 53091  
262-242-2000  
CURRENT NOA #02-1009.05  
LARGE MISSILE

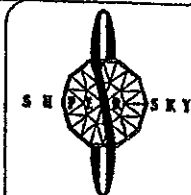
REVISION  
1 NEW GLASS TYPE TK  
08/03/04  
REVISION TO CURRENT NOA 02-1009.05  
EXP. 11-18-07

PROJECT  
MOCK-UP - DADE COUNTY  
PRODUCT APPROVAL  
DADE COUNTY, FL  
ENGINEER  
DAVID S. BARRON

MEQUON, WI  
TEST LABORATORY  
HURRICANE TEST LAB  
RIVIERA BEACH, FL

DATE  
TK 06/29/04  
SCALE  
1 (DP)  
PROJECT NO.  
2002-0246

B1  
OF 6



SUPER SKY PRODUCTS  
ENTERPRISES, LLC

1001 N. ENTERPRISE DR.  
MEQUON, WISCONSIN 53072  
763.242.2000

REVISION

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 11-0811.04  
Expiration Date 11/18/2012  
By *Helmy A. Wilson*  
Miami Dade Product Control

2"x2"x1/4" ANGLE CLIP  
(TOP & BOTTOM)  
6" DEEP x 6" WIDE  
I-BEAM (6.18 lbs/ft)  
1/2" ST. STL. BOLTS

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 07-0810.02  
Expiration Date 11/18/2012  
By *Helmy A. Wilson*  
Miami Dade Product Control

DADE COUNTY USE

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 05-1208.05  
Expiration Date 11/18/2017  
By *Helmy A. Wilson*  
Miami Dade Product Control

ENGINEER STAMP

*David S. Barron*  
11-15-05

PROJECT  
MOCK-UP -  
DADE COUNTY  
PRODUCT APPROVAL  
DADE COUNTY, FL  
ENGINEER  
DAVID S. BARRON

MEQUON, WI  
TEST LABORATORY  
RIVIERA BEACH, FL  
TITLE  
ELEVATION &  
THRU SECTION

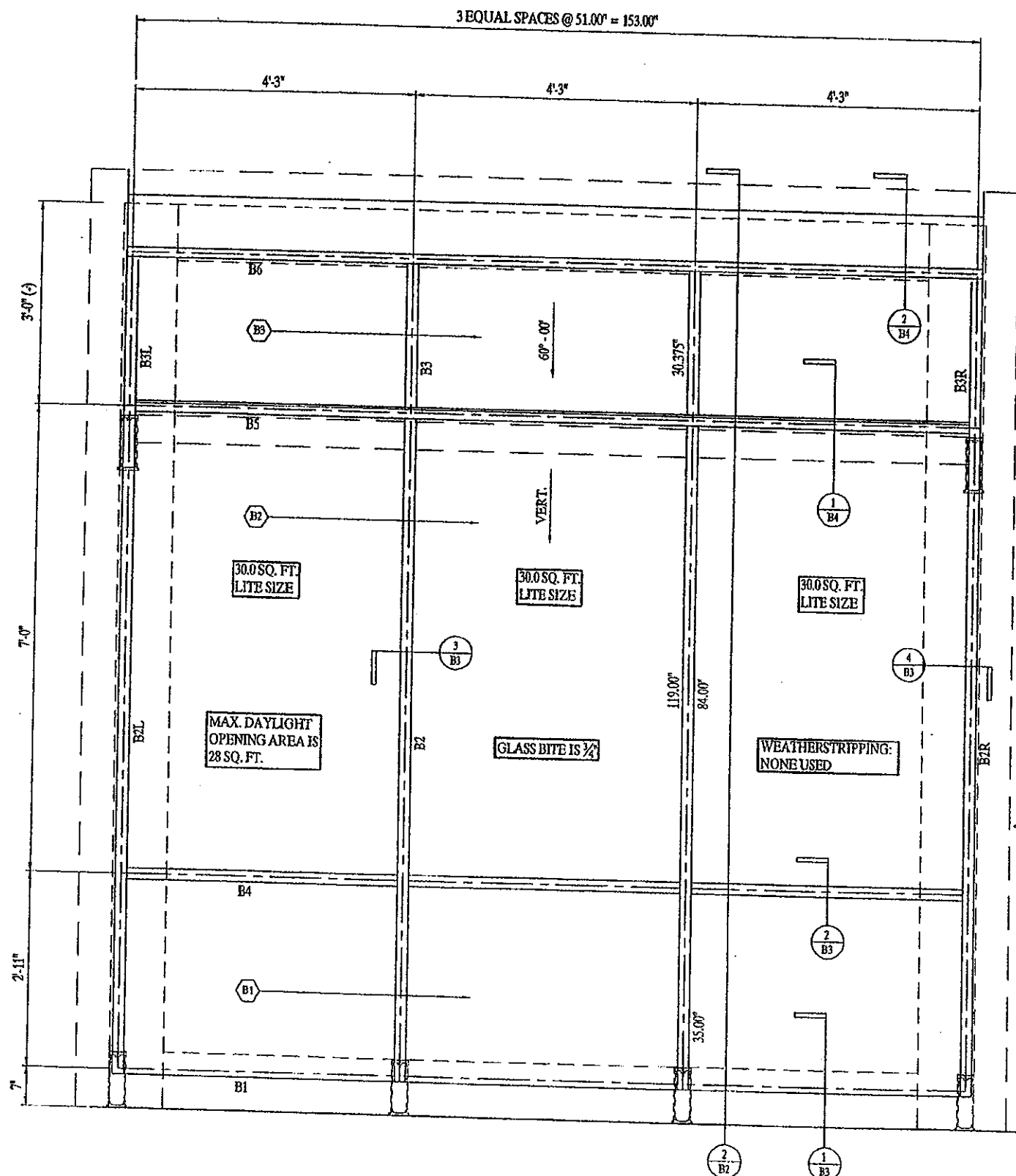
DATE  
06/29/04

SCALE  
1" = 1'-0" 1 (DP)

PROJECT NO.  
2002-0246

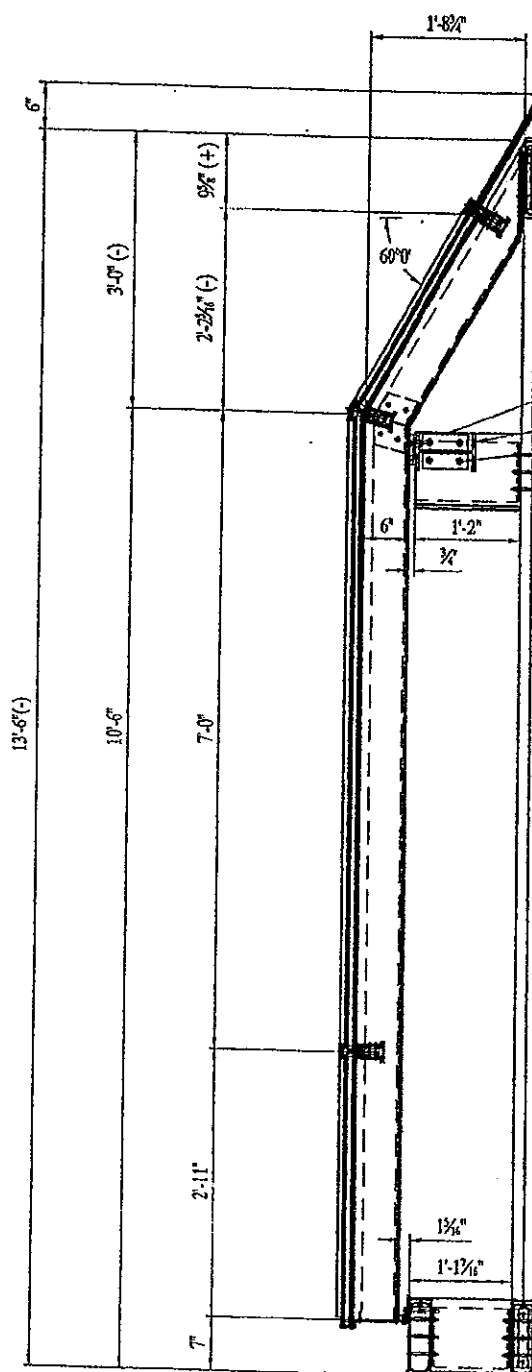
B2

OF 6



ELEVATION (1 REQ'D)

SCALE: 1" = 1'-0"

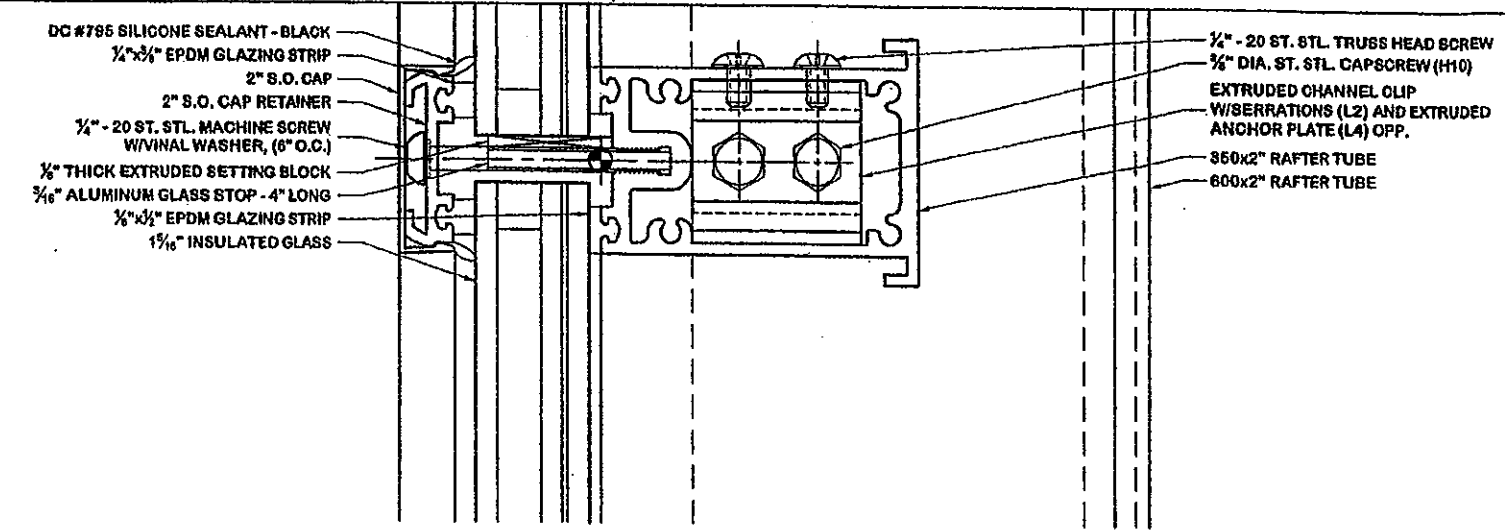


THRU SECTION

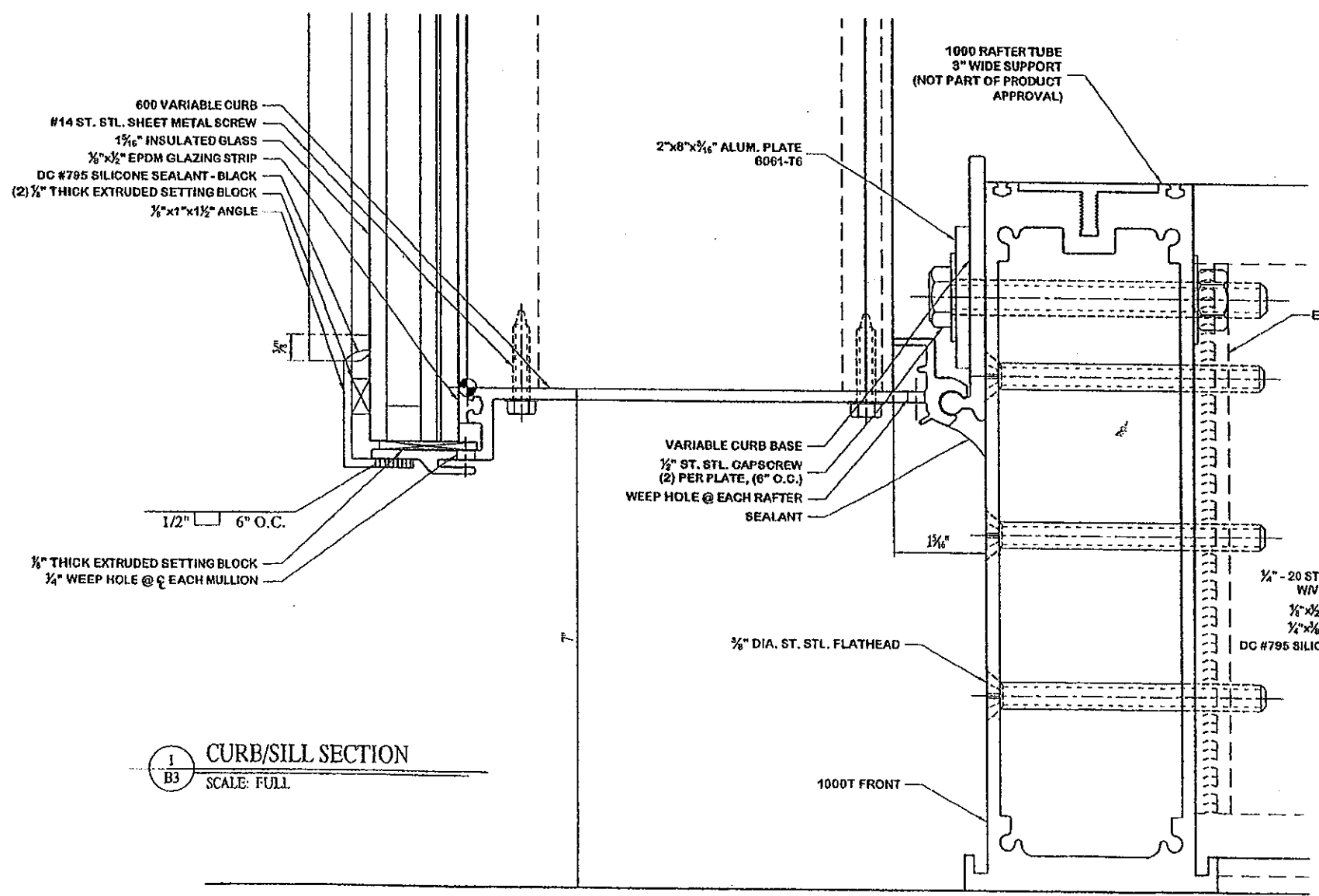
SCALE: 1" = 1'-0"

DAVID S. BARRON  
21 DARTMOUTH DRIVE  
GREENSBURG, PA 15601  
LICENCE #36374

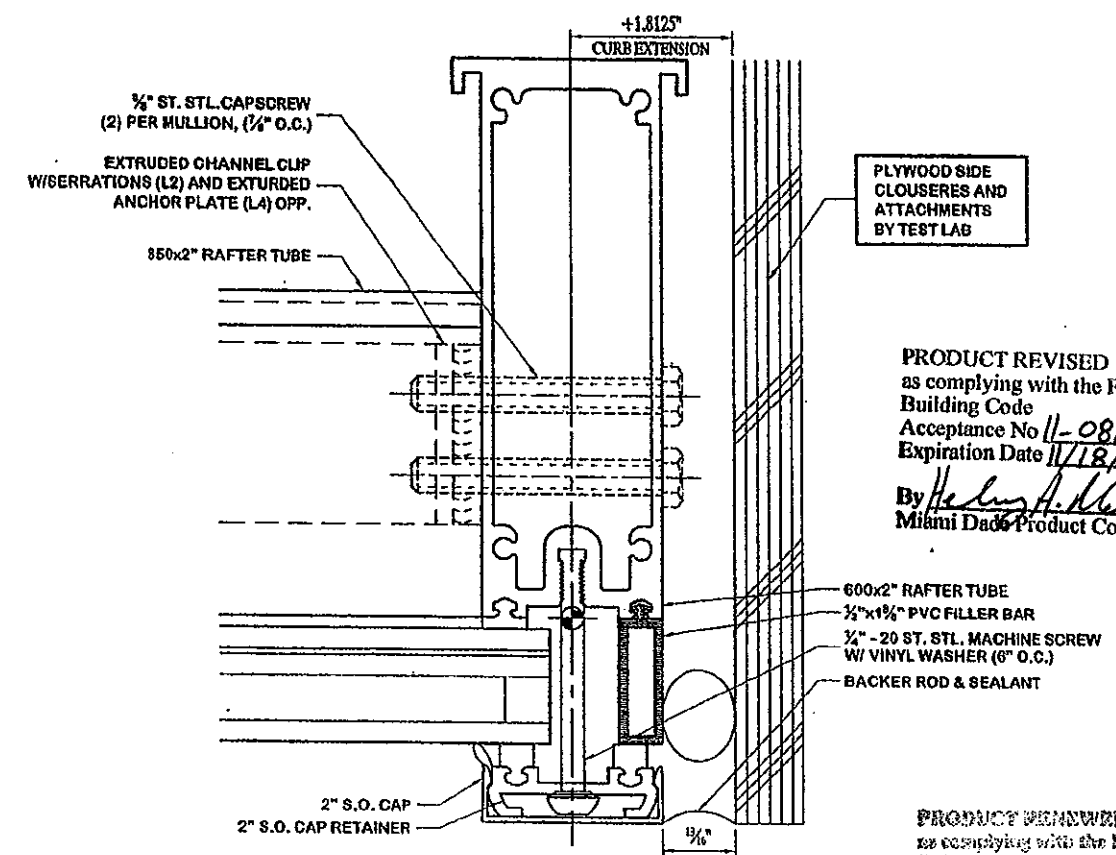
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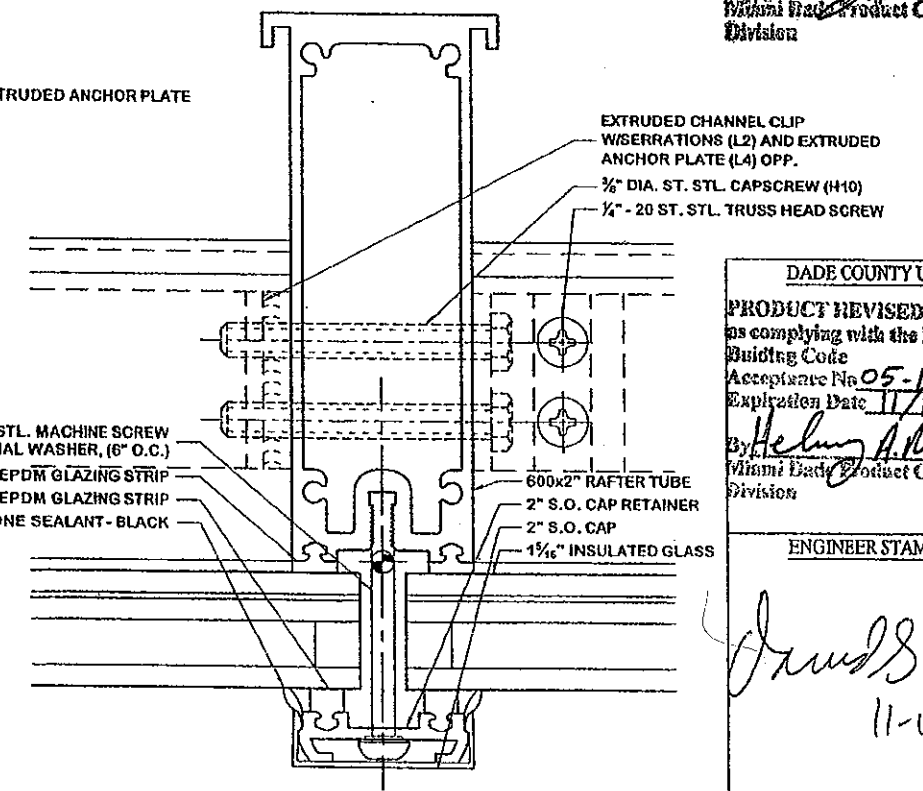
2 CROSSBAR SECTION  
B3 SCALE: FULL



1 CURB/SILL SECTION  
B3 SCALE: FULL



4 VERTICAL END RAFTER  
B3 SCALE: FULL



3 VERTICAL RAFTER  
B3 SCALE: FULL

PLYWOOD SIDE CLOUSERS AND ATTACHMENTS BY TEST LAB

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 11-0811-04  
Expiration Date 11/18/2012  
By *Helmut A. Hahn*  
Miami Dade Product Control

PRODUCT REVISED  
as complying with the Florida  
Building Code  
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Expiration Date 11/18/2012  
By *Helmut A. Hahn*  
Miami Dade Product Control  
Division

DADE COUNTY USE  
PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 05-1208-05  
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By *Helmut A. Hahn*  
Miami Dade Product Control  
Division

ENGINEER STAMP  
*David S. Barron*  
11-15-05

DAVID S. BARRON  
21 DARTMOUTH DRIVE  
GREENSBURG, PA 15601  
LICENCE #36374



REVISION

PROJECT  
MOCK-UP -  
DADE COUNTY  
PRODUCT APPROVAL  
DADE COUNTY, FL  
ENGINEER  
DAVID S. BARRON

MEQUON, WI  
TEST LABORATORY  
RIVIERA BEACH, FL  
TITLE  
SECTION  
DETAILS

DATE  
TK 06/29/04  
SCALE  
FULL 1 (DP)  
PROJECT NO  
2002-0246

B3  
OF 6

20020246B-D1.dwg

REFUSAL

**PRODUCT REVISED**  
as complying with the Florida  
**Building Code**  
Acceptance No 11-0811.04  
Expiration Date 11/18/2012  
By Helene A. Miller  
Miami Dade Product Control

**PROJECT**  
**MOCK-UP -**  
**DADE COUNTY**  
**PRODUCT APPROVAL**  
**DADE COUNTY, FL**  
**ENGINEER**  
**DAVID S. BARRON**

MEQUON, WI  
[REDACTED]  
TEST LABORATORY  
  
RIVIERA BEACH, FL  
[REDACTED]  
SECTION  
DETAILS

DADE COUNTY USE

PRODUCT REVISED  
is complying with the Florida  
Building Code  
Acceptance No. 05-1208-05  
Expiration Date 11/18/2007  
By: Helmut A. Melzer  
Miami Dade Product Control  
Division

ENGINEER STAMP

PRODUCT RENEWED  
in compliance with the Florida  
Building Code  
Acceptance No. 07-0810-02  
Expiration Date 11/18/2017  
By Heather A. Miller  
Miami Trade Product Control  
Division

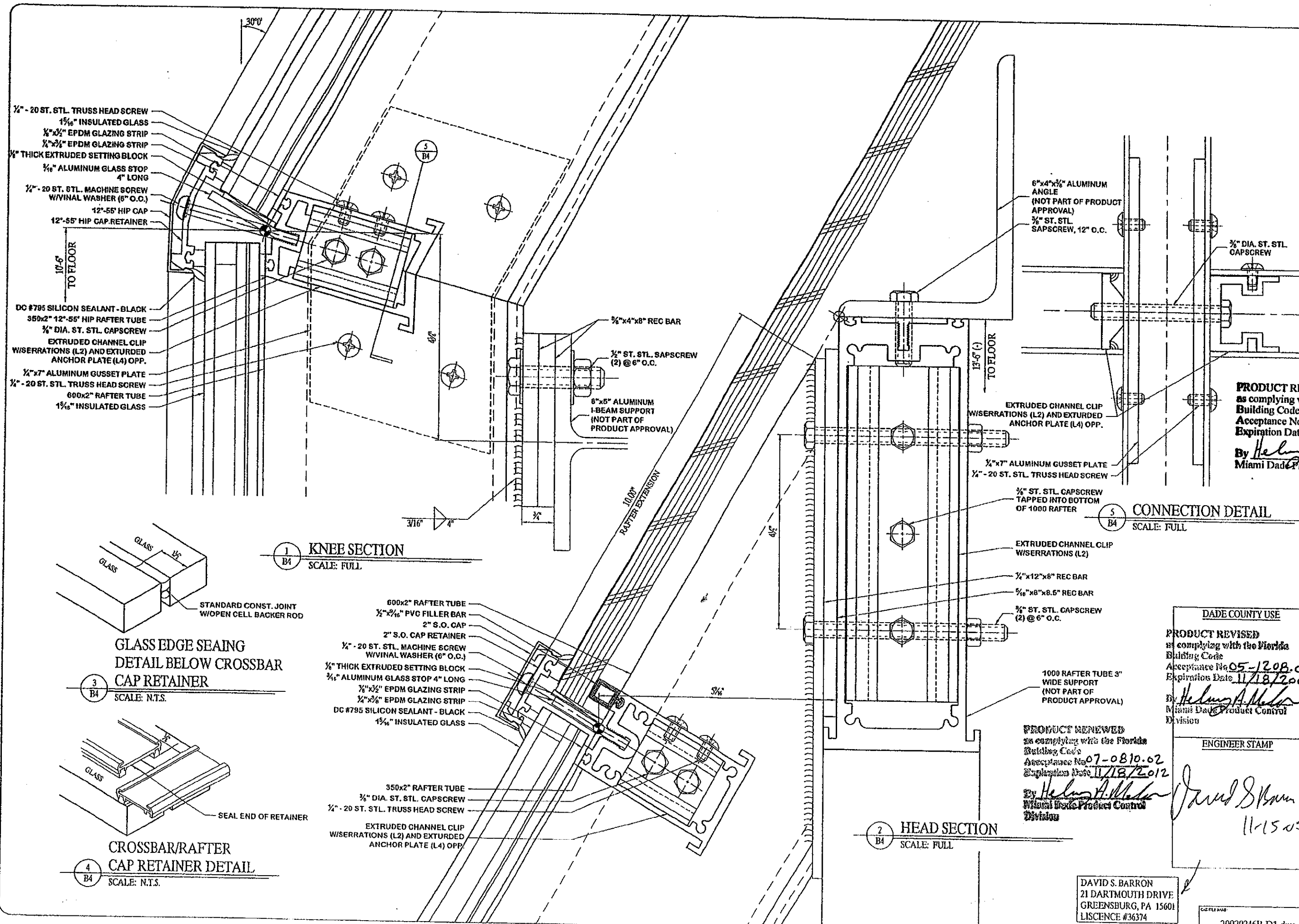
David S. Brown  
11-15-00

DAVID S. BARRON  
21 DARTMOUTH DRIVE  
GREENSBURG, PA 15601  
LISCENCE #36374

20020246B-D1.dwg

B4

OF







SUPER SKY PRODUCTS  
ENTERPRISES, LLC

1001 N. ENTERPRISE DR.  
MEQUON, WISCONSIN 53092  
262.662.2000

REVISION

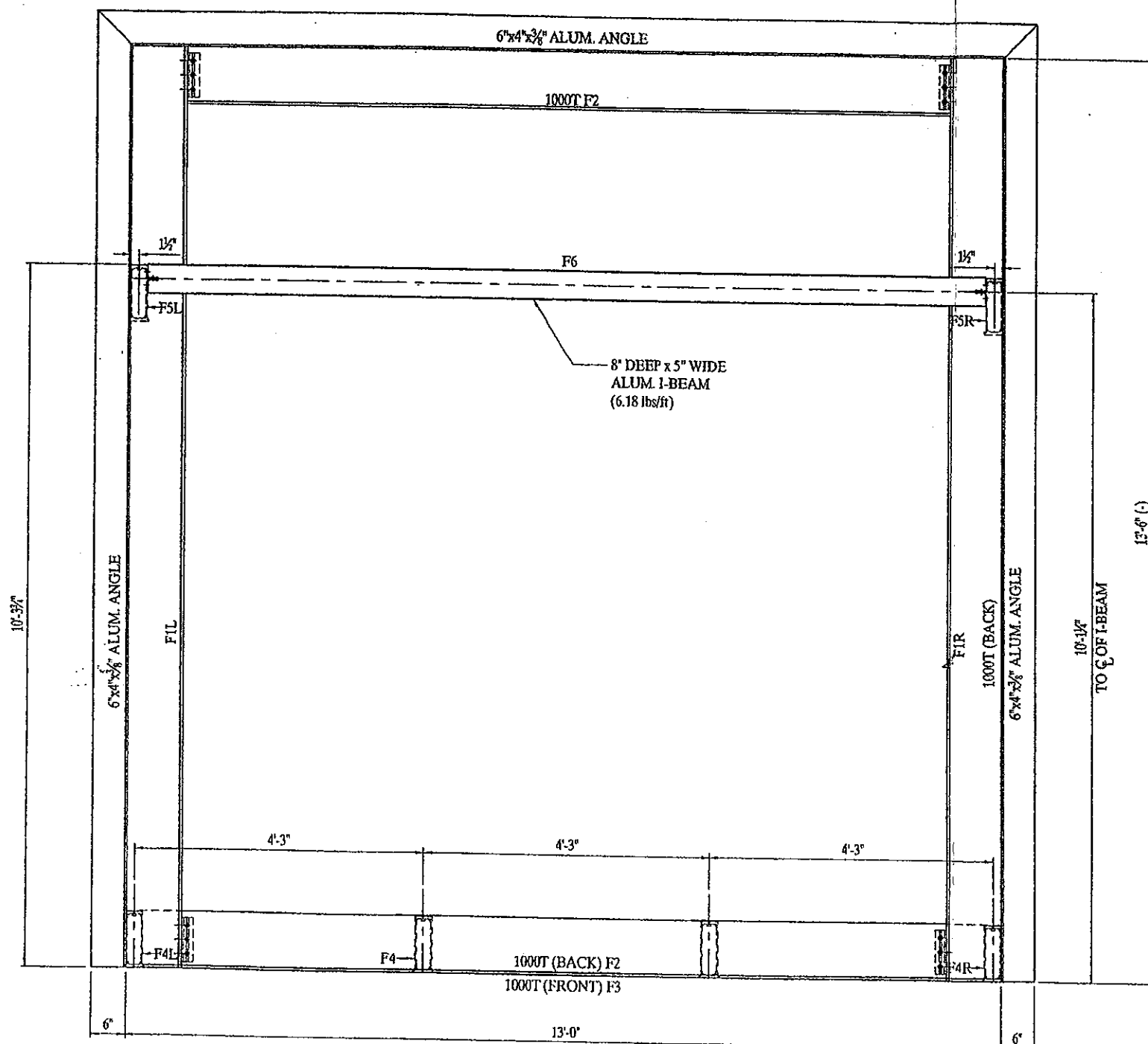
PROJECT  
MOCK-UP  
DADE COUNTY  
PRODUCT APPROVAL  
DADE COUNTY, FL  
ENGINEER  
DAVID S. BARRON

MEQUON, WI  
TEST LABORATORY  
RIVIERA BEACH, FL  
TITLE  
SUPPORT FRAME  
DETAIL

DATE  
TK 06/29/04  
SCALE  
1" = 1'-0" 1 (DP)  
PROJECT NO.  
2002-0246

B6  
OF 6

Note: Framing on this page  
not part of Product Approval.



1  
B6 SUPPORT FRAME DETAIL  
SCALE: 1" = 1'-0"

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 07-0810.02  
Expiration Date 11/18/2012  
By *Heung A. Nelson*  
Miami Dade Product Control  
Division

DADE COUNTY USE  
PRODUCT REVISED  
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Expiration Date 11/18/2007  
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Miami Dade Product Control  
Division

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By *Heung A. Nelson*  
Miami Dade Product Control

ENGINEER STAMP

*David S. Barron*  
11-15-05

DAVID S. BARRON  
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GREENSBURG, PA 15601  
LICENCE #36374

20020246B-D1.dwg